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CONSULTANTS & ENGINEERS
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Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 04.09.2021

TEST REPORT ON CEMENT

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of Work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample :	:Cement (Dalmia 53 grade OPC)
Sample Supplied by:	:AGENCY
Date of Manufacture:	: August - 2021
Date of Testing	: 02.09.2021 to 04.09.2021

Sl.No	Descriptions	Test Method as per IS	Test Result	Requirements as per IS: 269:2015
1	a) Initial Setting Time	IS-4031 (Part - 5):1988(RA 2014)	125 Minutes	Not Less than 30 Minutes
	b) Final Setting Time	IS-4031 (Part - 5):1988(RA 2014)	345 Minutes	Not More than 600 Minutes
2	Soundness	IS-4031 (Part 3) :1988 (RA 2014) by the Le-Chatelier method	1 mm	Not more than 10 mm
3	Standard Consistency	IS-4031 (Part -4)	30.00%	-

Note:

1, The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date : 04.09.2021

TEST REPORT ON FINE AGGREGATES (SAND)

Client : **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency **Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of Work :Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Date of Testing : 04.09.2021
IS Code :IS 383:2016
:IS 2386 (Part 1):1963(RA 2011)
Material : Sand

Total Wt. of Aggregates in gms 1000

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016 Spec.Limits For Zone-II
10	0	0	0	100	100
4.75	63	6.30	6.30	93.7	90-100
2.36	147	14.70	21.00	79.0	75-100
1.18	159	15.90	36.90	63.1	55-90
600 Micron	244	24.40	61.30	38.7	35-59
300 Micron	153	15.30	76.60	23.4	8-30
150 Micron	142	14.20	90.80	9.2	0-10

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date : 04.09.2021

TEST REPORT ON COARSE AGGREGATES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of Work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Date of Testing	: 04.09.2021
IS Code	:IS 383:2016
	:IS 2386 (Part 1):1963(RA 2011)
Material	: 40mm Aggregates

Total Wt. of Aggregates in gms **15000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
80	0	0	0	100	100
40	203	1.35	1.35	98.65	95-100
20	8365	55.77	57.12	42.88	30-70
10	3157	21.05	78.17	21.83	10-35
4.75	2589	17.26	95.43	4.57	0-5

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date : 04.09.2021

TEST REPORT ON COARSE AGGREGATES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of Work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Date of Testing	: 04.09.2021
IS Code	:IS 383:2016
	:IS 2386 (Part 1):1963(RA 2011)
Material	: 20mm Aggregates

Total Wt. of Aggregates in gms= **5000**

Is Sieve Size in mm	Weight Retained (gm)	Retained Weight in %	Cumulative Retained Weight in %	Cumulative Weight Passing in %	Requirements as per IS 383:2016
40	0	0	0	100	100
20	199	4.0	4.0	96.0	95-100
10	2748	55.0	58.9	41.1	25-55
4.75	1758	35.2	94.1	5.9	0-10

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR

Job No: CQCE/BBMP/NMK/017/2021-22 Date : 08.09.2021

GRADATION FOR GSB (Grading V)

Client : : **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.

Agency: **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of work: :Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13). BBMP, Bangalore

BIS Code: IS 2386 Part (1):1963
IS 2720 part (5):1985

Date of Testing : 06.09.2021 to 08.09.2021

Oven Dry Wt (gm) : 13000

TABLE – 1

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Requirements as per MORTH 5th edition table 400.1
75	0	0	0.00	100	100
53	1005	1005	7.73	92.27	80-100
26.5	2001	3006	23.12	76.88	55-90
9.5	2006	5012	38.55	61.45	35-65
4.75	2100	7112	54.71	45.29	25-50
2.36	3652	10764	82.80	17.20	10-20
0.85	1326	12090	93.00	7.00	2-10
0.425	289	12379	95.22	4.78	0-5

Table 2

Sl. No.	Particulars	Test Results	Requirements as per MORTH 5th edition table 400.2
1	Liquid Limit, %	21.00	25.0% Maximum.
2	Plasticity Index, %	Non Plastic	6.0% Maximum.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Remarks: Satisfies MORTH Specifications as per Table 400-1, Grading V

Note:

1. The Material is Satisfied as per the Requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No: CQCE/BBMP/NMK/017/2021-22 Date : 08.09.2021

GRADATION FOR GSB (Grading V)

Client : **: Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.

Agency: **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of work: :Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13). BBMP, Bangalore

BIS Code: IS 2386 Part (1):1963
IS 2720 part (5):1985

Date of Testing : 06.09.2021 to 08.09.2021

Oven Dry Wt (gm) : 13000

TABLE – 1

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Requirements as per MORTH 5th edition table 400.1
75	0	0	0.00	100	100
53	1500	1500	11.54	88.46	80-100
26.5	2366	3866	29.74	70.26	55-90
9.5	2564	6430	49.46	50.54	35-65
4.75	1624	8054	61.95	38.05	25-50
2.36	3142	11196	86.12	13.88	10-20
0.85	1245	12441	95.70	4.30	2-10
0.425	236	12677	97.52	2.48	0-5

Table 2

Sl. No.	Particulars	Test Results	Requirements as per MORTH 5th edition table 400.2
1	Liquid Limit, %	22.50	25.0% Maximum.
2	Plasticity Index, %	Non Plastic	6.0% Maximum.

Remarks: Satisfies MORTH Specifications as per Table 400-1, Grading V

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Job No: CQCE/BBMP/NMK/017/2021-22 Date: 11.09.2021

FIELD DENSITY TEST BY SAND REPLACEMENT METHOD
(IS : 2720 - Part 28)

Client : **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.

Contractor **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of the work :Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE- 2019-20 RRN-DIV-(13). BBMP, Bangalore

Date of Testing : 10.09.2021 to 11.09.2021

Material Source :GSB Optium Moisture Content (%):6.6

Max.Dry Density (S) (g/cc):2.24

Sl.no	Location/Identification	Field dry Density (g/cc)	Field compaction achieved (%)	Requirement as per MORTH 5th edition Table 401.3.2
1	Sample 1	2.196	98.04	Min 98%
2	Sample 2	2.199	98.17	
3	Sample 3	2.211	98.71	
4	Sample 4	2.212	98.75	

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Note:
1. The Material is Satisfied as per the Requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22 Date : 11.09.2021

GRADATION FOR DRY LEAN CONCRETE
MORTH TABLE-600-1

Client : **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.

Agency **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of Work :Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore

Date of Testing : 11.09.2021

Material : Dry Lean Concrete

Oven Dry Wt (gm): 10000

Is Sieve Size in mm	Weight Retained (gm)	Cumulative Weight Retained (gm)	Cumulative % of Retained	Cumulative % of Passing	Spec.Limits
26.5	0	0	0	100	100
19	932	932	9.3	90.7	75-95
9.5	2268	3200	32.0	68.0	50-70
4.75	2214	5414	54.1	45.9	30-55
2.36	2114	7528	75.3	24.7	17-42
0.6	711	8239	82.4	17.6	8-22
0.3	177	8416	84.2	15.8	7-17
0.15	522	8938	89.4	10.6	2-12
0.075	433	9371	93.7	6.3	0-10

Note:
1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 22.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	15.09.2021	22.09.2021	8.091	512.3	22.77
2	15.09.2021	22.09.2021	8.021	528.1	23.47
3	15.09.2021	22.09.2021	8.144	535.8	23.81

Note:
1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 13.10.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	15.09.2021	13.10.2021	8.102	724.7	32.21
2	15.09.2021	13.10.2021	8.088	737.4	32.77
3	15.09.2021	13.10.2021	8.199	747.8	33.24

Note:
1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 22.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	15.09.2021	22.09.2021	8.036	505.7	22.48
2	15.09.2021	22.09.2021	8.187	520.4	23.13
3	15.09.2021	22.09.2021	8.019	527.5	23.44

Note:
1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 13.10.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	15.09.2021	13.10.2021	8.031	721.5	32.07
2	15.09.2021	13.10.2021	8.120	737.8	32.79
3	15.09.2021	13.10.2021	8.150	747.4	33.22

Note:
1. The Material is Satisfied as per the Requirements

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR

Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 22.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	15.09.2021	22.09.2021	8.056	513.8	22.84
2	15.09.2021	22.09.2021	8.156	523.5	23.27
3	15.09.2021	22.09.2021	8.197	537.4	23.88

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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CONSULTANTS & ENGINEERS
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Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 13.10.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	15.09.2021	13.10.2021	8.075	722.5	32.11
2	15.09.2021	13.10.2021	8.168	736.7	32.74
3	15.09.2021	13.10.2021	8.030	747.6	33.23

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 22.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	15.09.2021	22.09.2021	8.142	516.4	22.95
2	15.09.2021	22.09.2021	8.069	524.8	23.32
3	15.09.2021	22.09.2021	8.022	535.9	23.82

Note:
1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR

Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 13.10.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	15.09.2021	13.10.2021	8.182	730.2	32.45
2	15.09.2021	13.10.2021	8.087	741.5	32.96
3	15.09.2021	13.10.2021	8.019	751.7	33.41

Note:

1. The Material is Satisfied as per the Requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 22.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	15.09.2021	22.09.2021	8.066	509.7	22.65
2	15.09.2021	22.09.2021	8.187	518.4	23.04
3	15.09.2021	22.09.2021	8.125	527.8	23.46

Note:

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Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 13.10.2021

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Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	15.09.2021	13.10.2021	8.072	726.4	32.28
2	15.09.2021	13.10.2021	8.065	737.8	32.79
3	15.09.2021	13.10.2021	8.023	746.9	33.20

Note:
1. The Material is Satisfied as per the Requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 23.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.09.2021	23.09.2021	8.086	516.7	22.96
2	16.09.2021	23.09.2021	8.190	525.4	23.35
3	16.09.2021	23.09.2021	8.021	534.8	23.77

Note:

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 14.10.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.09.2021	14.10.2021	8.074	719.9	32.00
2	16.09.2021	14.10.2021	8.147	728.7	32.39
3	16.09.2021	14.10.2021	8.104	737.8	32.79

Note:

1. The Material is Satisfied as per the Requirements

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Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 23.09.2021

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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.09.2021	23.09.2021	8.047	518.7	23.05
2	16.09.2021	23.09.2021	8.122	529.4	23.53
3	16.09.2021	23.09.2021	8.014	538.5	23.93

Note:

1. The Material is Satisfied as per the Requirements.

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Sample ID	: Cement Concrete
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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.09.2021	14.10.2021	8.029	722.7	32.12
2	16.09.2021	14.10.2021	8.192	739.4	32.86
3	16.09.2021	14.10.2021	8.113	748.6	33.27

Note:

1. The Material is Satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 23.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
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Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.09.2021	23.09.2021	8.092	509.7	22.65
2	16.09.2021	23.09.2021	8.106	516.4	22.95
3	16.09.2021	23.09.2021	8.063	528.5	23.49

Note:

1. The Material is Satisfied as per the Requirements.

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Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 14.10.2021

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Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
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Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.09.2021	14.10.2021	8.116	726.4	32.28
2	16.09.2021	14.10.2021	8.027	737.9	32.80
3	16.09.2021	14.10.2021	8.154	749.7	33.32

Note:
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Sample ID	: Cement Concrete
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Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.09.2021	23.09.2021	8.072	506.9	22.53
2	16.09.2021	23.09.2021	8.159	518.7	23.05
3	16.09.2021	23.09.2021	8.118	529.8	23.55

Note:

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Date: 14.10.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.09.2021	14.10.2021	8.107	732.8	32.57
2	16.09.2021	14.10.2021	8.091	743.5	33.04
3	16.09.2021	14.10.2021	8.155	755.6	33.58

Note:

1) The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 23.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.09.2021	23.09.2021	8.027	511.6	22.74
2	16.09.2021	23.09.2021	8.166	521.4	23.17
3	16.09.2021	23.09.2021	8.102	532.8	23.68

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 14.10.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	16.09.2021	14.10.2021	8.031	722.2	32.10
2	16.09.2021	14.10.2021	8.125	733.8	32.61
3	16.09.2021	14.10.2021	8.093	744.9	33.11

Note:

1. The Material is Satisfied as per the Requirements

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 24.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.09.2021	24.09.2021	8.014	499.7	22.21
2	17.09.2021	24.09.2021	8.177	510.4	22.68
3	17.09.2021	24.09.2021	8.048	526.8	23.41

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 15.10.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.09.2021	15.10.2021	8.119	725.8	32.26
2	17.09.2021	15.10.2021	8.034	735.6	32.69
3	17.09.2021	15.10.2021	8.145	748.4	33.26

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signator,

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR

Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 24.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.09.2021	24.09.2021	8.061	510.8	22.70
2	17.09.2021	24.09.2021	8.147	519.4	23.08
3	17.09.2021	24.09.2021	8.106	526.9	23.42

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR

Job No.: CQCE/BBMP/NMK/017/2021-22 Date: 15.10.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.09.2021	15.10.2021	8.063	731.7	32.52
2	17.09.2021	15.10.2021	8.017	743.9	33.06
3	17.09.2021	15.10.2021	8.185	760.5	33.80

Note:
1. The Material is Satisfied as per the Requirements

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 24.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
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Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.09.2021	24.09.2021	8.119	513.8	22.84
2	17.09.2021	24.09.2021	8.028	527.6	23.45
3	17.09.2021	24.09.2021	8.147	536.7	23.85

Note:

1. The Material is Satisfied as per the Requirements.

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 15.10.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.09.2021	15.10.2021	8.113	737.4	32.77
2	17.09.2021	15.10.2021	8.167	746.9	33.20
3	17.09.2021	15.10.2021	8.027	758.7	33.72

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 24.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.09.2021	24.09.2021	8.076	516.9	22.97
2	17.09.2021	24.09.2021	8.197	528.7	23.50
3	17.09.2021	24.09.2021	8.101	537.6	23.89

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 15.10.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.09.2021	15.10.2021	8.141	736.8	32.75
2	17.09.2021	15.10.2021	8.038	747.9	33.24
3	17.09.2021	15.10.2021	8.179	762.4	33.88

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 24.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	**: Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.09.2021	24.09.2021	8.152	513.7	22.83
2	17.09.2021	24.09.2021	8.059	524.6	23.32
3	17.09.2021	24.09.2021	8.102	532.5	23.67

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 15.10.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	17.09.2021	15.10.2021	8.024	739.9	32.88
2	17.09.2021	15.10.2021	8.197	747.8	33.24
3	17.09.2021	15.10.2021	8.066	763.7	33.94

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Authorised Signatory

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Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 25.09.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client	: **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.
Agency	**Sri. N M Krishnamurthy,** Contractor, Bangalore.
Name of the work	:Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore
Sample ID	: Cement Concrete
Size of cubes	: 150mmx150mmx150mm
Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.09.2021	25.09.2021	8.093	501.4	22.28
2	18.09.2021	25.09.2021	8.137	516.7	22.96
3	18.09.2021	25.09.2021	8.160	528.5	23.49

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

Corporate Off.: No. 133, Bhuvaneshwarinagar, Doddabasti Main Road, Bangalore-560 056.
Contact: 8553518550, 080-23240644 Email: civilqualityconsultants@gmail.com

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CIVIL QUALITY CONSULTANTS & ENGINEERS

ISO 9001:2015 Certified & NABL Accredited Laboratory as per ISO/IEC - 17025-2017

Testing of Construction Material - Mechanical, Soil, Bitumen, Non Destructive Testing Services, Project Management Consultants, Third Party Quality Assurance, DPR.

Job No.: CQCE/BBMP/NMK/017/2021-22

Date: 16.10.2021

TEST REPORT ON COMPRESSIVE STRENGTH OF CONCRETE CUBES

Client : **Assistant Executive Engineer,** Yashwanthapura Sub Division, BBMP, Bangalore.

Agency **Sri. N M Krishnamurthy,** Contractor, Bangalore.

Name of the work :Comprehensive Development of Roads, Drains, Special repairs to buildings and other works in Sunnadagoodu, Ambedkarnagar, Mohan Kumar nagar, Poornapura, Ramabhovi Colony, Jalahalli Harijana, Siddarthanagar, Khathanagar, Ashrayanagar, Karadigudi, Peenya 4th block A K Colony and Surrounding areas of Slums in R R Nagar Constituency under PACKAGE-2019-20 RRN-DIV-(13). BBMP, Bangalore

Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.09.2021	16.10.2021	8.107	733.2	32.59
2	18.09.2021	16.10.2021	8.156	748.6	33.27
3	18.09.2021	16.10.2021	8.074	756.8	33.64

Note:

1. The Material is Satisfied as per the Requirements.

For CIVIL QUALITY CONSULTANTS & ENGINEERS

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Cross Sectional Area	: 22500 mm^2
Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.09.2021	25.09.2021	8.028	512.4	22.77
2	18.09.2021	25.09.2021	8.199	526.8	23.41
3	18.09.2021	25.09.2021	8.100	535.6	23.80

Note:

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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.09.2021	16.10.2021	8.024	738.6	32.83
2	18.09.2021	16.10.2021	8.162	747.4	33.22
3	18.09.2021	16.10.2021	8.072	756.8	33.64

Note:

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Technical Reference	: IS: 516-1959 (Reaffirmed 2008)
Grade of Concrete	: M30
Compressive Strength as on	: 7th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.09.2021	25.09.2021	8.041	517.4	23.00
2	18.09.2021	25.09.2021	8.108	527.1	23.43
3	18.09.2021	25.09.2021	8.173	538.2	23.92

Note:
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Sample ID : Cement Concrete

Size of cubes : 150mmx150mmx150mm

Cross Sectional Area : 22500 mm^2

Technical Reference : IS: 516-1959 (Reaffirmed 2008)

Grade of Concrete : M30

Compressive Strength as on : 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.09.2021	16.10.2021	8.131	725.7	32.25
2	18.09.2021	16.10.2021	8.082	736.8	32.75
3	18.09.2021	16.10.2021	8.012	748.9	33.28

Note:
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Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.09.2021	25.09.2021	8.051	500.0	22.22
2	18.09.2021	25.09.2021	8.163	516.8	22.97
3	18.09.2021	25.09.2021	8.008	529.7	23.54

Note:
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Compressive Strength as on	: 28th day

Sl.No.	Date of casting	Date of testing	Weight of cube (Kg)	Failure load (KN)	Compressive strength (N/mm^2)
1	18.09.2021	16.10.2021	8.105	723.4	32.15
2	18.09.2021	16.10.2021	8.071	736.8	32.75
3	18.09.2021	16.10.2021	8.015	758.3	33.70

Note:

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